



Program of Study
Career Field: Industrial, Manufacturing, and Engineering Systems
Career Cluster: Architecture and Construction
Career Pathway: Construction



Central Community College

DEGREE:
Electrical Technology

<http://www.cccneb.edu/igsbase/igstemplate.cfm?SRC=SP&SRCN=programchart2&GnavlD=20&SnavID=&TnavID=&cccProgramID=88&LS=&PS=&KS=>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES			EXTENDED LEARNING SCHOOL/COMMUNITY	
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Entrepreneurship Information Technology App. I CAD (Computer Aided Drafting) Construction Drafting Housing and Home Furnishings Manufacturing/Woodworking	Intro to the Built Environment <i>Plus two from the following list:</i> Principles of Construction Applications in Construction Electricity in the Construction Industry Electricity-Comprehensive			<i>School Activities:</i> SkillsUSA, OPPD/NPPD Power Drive, FFA, Math Club, MATHCOUNTS <i>Community Activities:</i> Connect with architects in your area, Do home repair projects, Learn about the history of the buildings in your community, Part-time employment available within this career cluster	
	10	English/Language Arts II	Geometry	Biology	World History						
	11	English/Language Arts III	Algebra II	Chemistry	American History						
	12	English/Language Arts IV	Intro to Statistics Descrete Math Pre-Calc	Physics	American Government or Economcis						
CENTRAL COMMUNITY COLLEGE		COMMUNICATIONS	MATH/ SCIENCE	PERSONAL DEVELOPMENT	SOC/ BEHAVIORAL SCIENCES	DEGREE REQUIREMENTS	MAJOR COURSES				
	13 and 14	Select 3 hours from the following: Applied Writing Eng. Composition Public Speaking	Select 3 hours from the following: General Biology Earth Science	Select 3 hours from the following: Consumer Problems College Foundations American History after 1877	Select 3 hours from the following: American Government Human Relations Intro to Psychology Intro to Sociology Psychology of the Family	3 hour elective	Electrical Theory	Intro to Residential Wiring	Residential Materials & Devices	Electrical Codes	Residential Branch Circuits
							Special Circuits & Services	Residential Heating & Air Cond	Commercial Materials & Devices	Commercial Code Study	Commercial Tools
							Commercial Lighting & Motor App	Comm Service Equip	Blue Print Reading	Electrical Estimating	Motor Controls
							Industrial Controls	Intro to Programmable Controllers	AC Motor Theory & Nomenclature		